

Amendments to the Specification:

Please replace the paragraph beginning on page 13, line 12, with the following rewritten paragraph:

Fig 4 illustrates a probe head 46 and a quill 44 of a coordinate positioning apparatus, such as a CMM. A hollow box structure 54, manufactured from a thermally stable material is mounted onto the quill 44 at its top end and onto a fixed surface 45 of the probe head 46 at its bottom end.

Please replace the paragraph beginning on page 13, line 19, with the following rewritten paragraph:

The hollow structure 56 of the thermally stable box 54 enables part of the probe head 46 to be enclosed by the structure. Expansion of parts of the probe head is allowed within the thermally stable box 54, without ~~effecting~~affecting the metrology path. For example, motors M in the probe head cause heat which cause expansion of the bearings 47 and other structures.

Please replace the paragraph beginning on page 13, line 27, with the following rewritten paragraph:

The anchor point ~~49~~ between the bottom end of the thermally stable box 54 and the probe head 46 is positioned as low as possible on the stationary part 45 of the probe head to minimise the amount of non-thermally stable material (and thus expansion) in the metrology path between the quill 44 and probe tip 40.